



PATENT
CRI0033.01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)
Gerald R. Stanley) Group No. 2816
Application No.: 09/748,609)
Filed: December 26, 2000) Examiner: T. Cunningham
Title: ACTIVE ISOLATED-INTEGRATOR)
LOW-PASS FILTER WITH)
ATTENUATION POLES)

AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated September 18, 2001, which mistakenly had a period for response which expired on October 18, 2001, which period was extended by the enclosed communication from the Examiner dated January 2, 2002 to expire on December 18, 2001, which period has been extended by the enclosed Request for Extension of Time to expire on January 18, 2002, Applicant hereby submits the following Amendment.

In the Drawings:

Applicant requests approval by the Examiner of the amendments to the drawings as set forth in a separate letter submitted herewith. Applicant also submits herewith clean copies of the drawings into which the corrections have been incorporated.

In the Specification:

Please replace paragraph 23 of the specification with the following rewritten paragraph:

[0023] Referring to Figure 1, a conventional isolated-integrator band-reject filter 20 is shown. The characteristic equation of the filter shown in Fig. 1 is:

$$G(s) = \frac{(RCs)^3 + 4(RCs)^2 + 3RCs + 12}{(RCs)^3 + 16(RCs)^2 + 39RCs + 12}$$

and wherein

$$f(\text{null}) = \frac{\sqrt{3}}{(2\pi RC)}$$

8/a
D. Scott
2-14-02